

Fig. 1

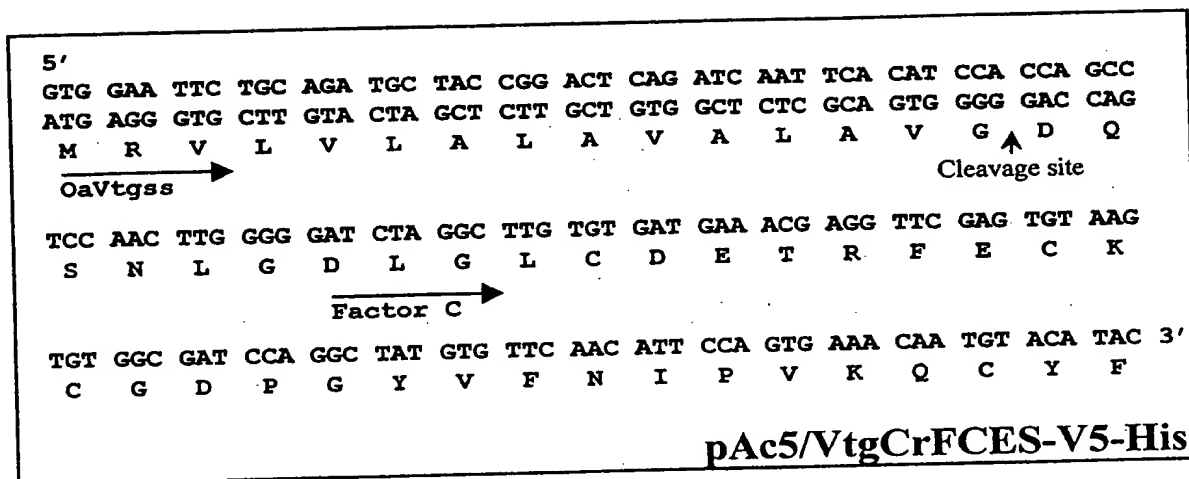


Fig. 2A

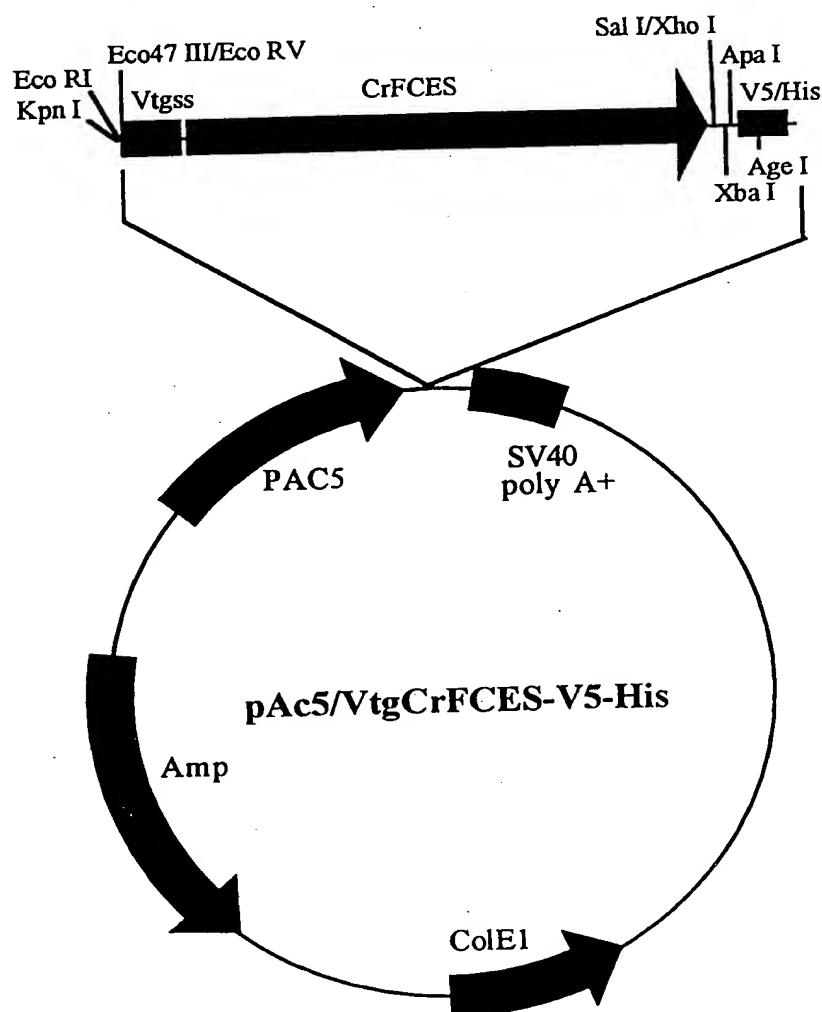
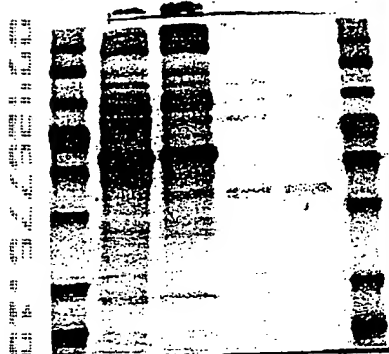


Fig. 2B

Coomassie Blue-stained  
SDS-PAGE

M 1 2 3 4 M



Western Blot using  
INDIA-His-HRP

M 1 2 3 4

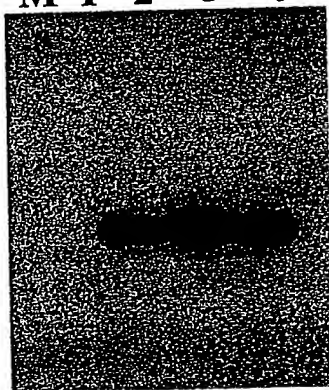
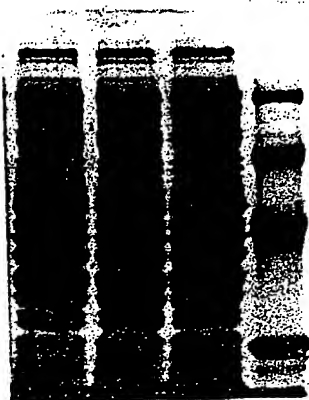


Fig. 3A

1 2 3 M



1 2 3 M

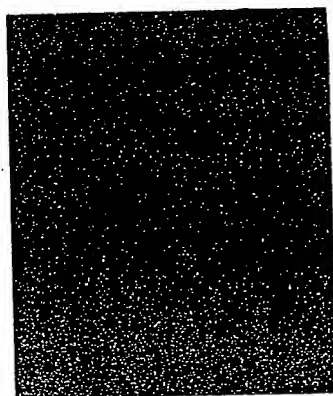


Fig. 3B

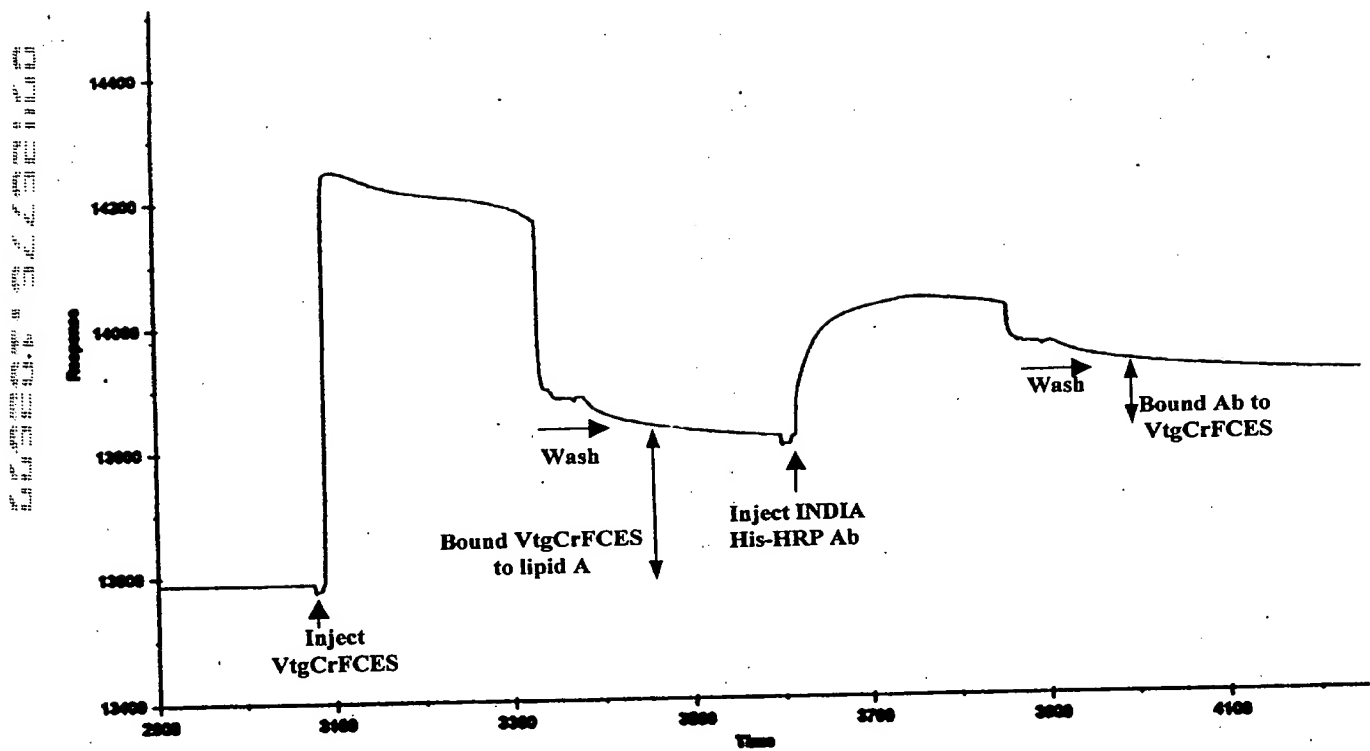


Fig. 4

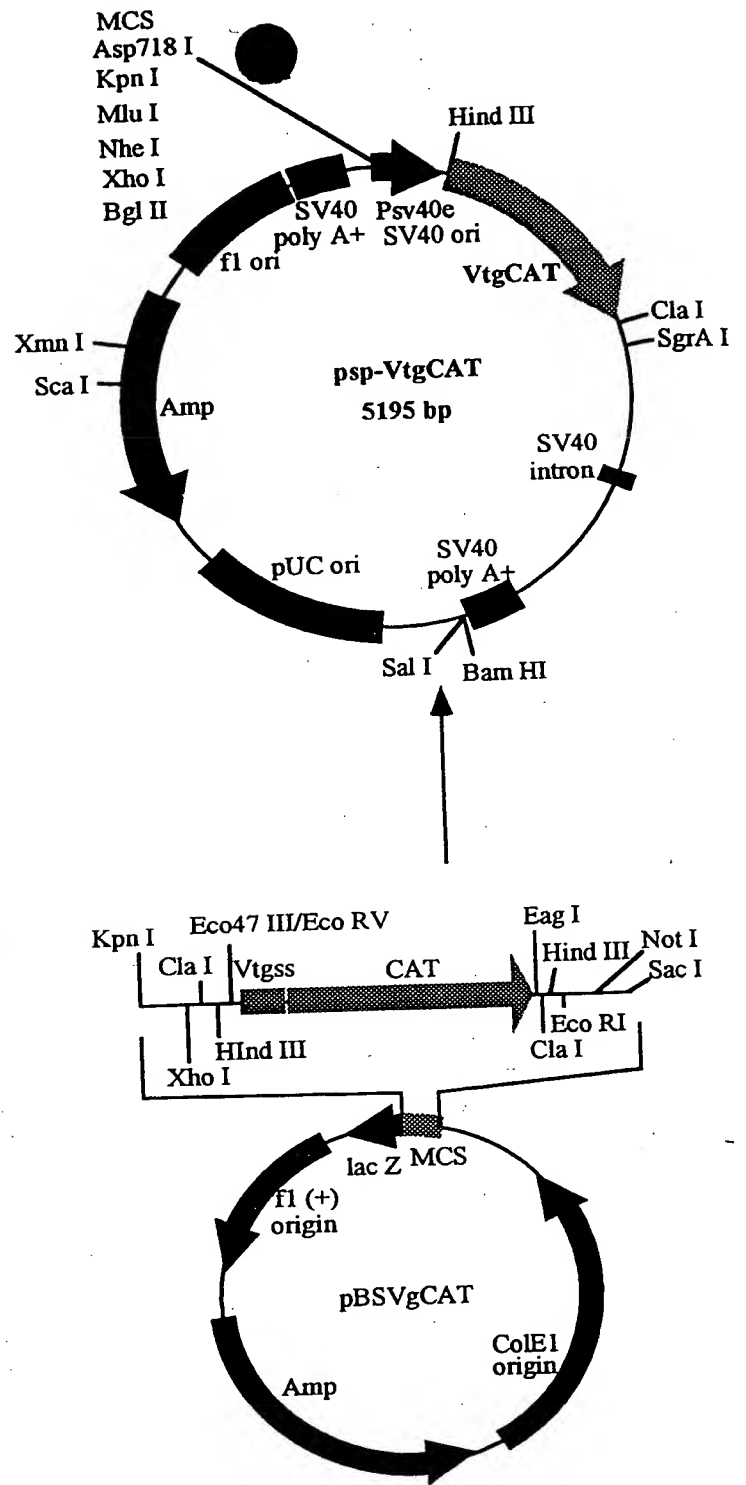
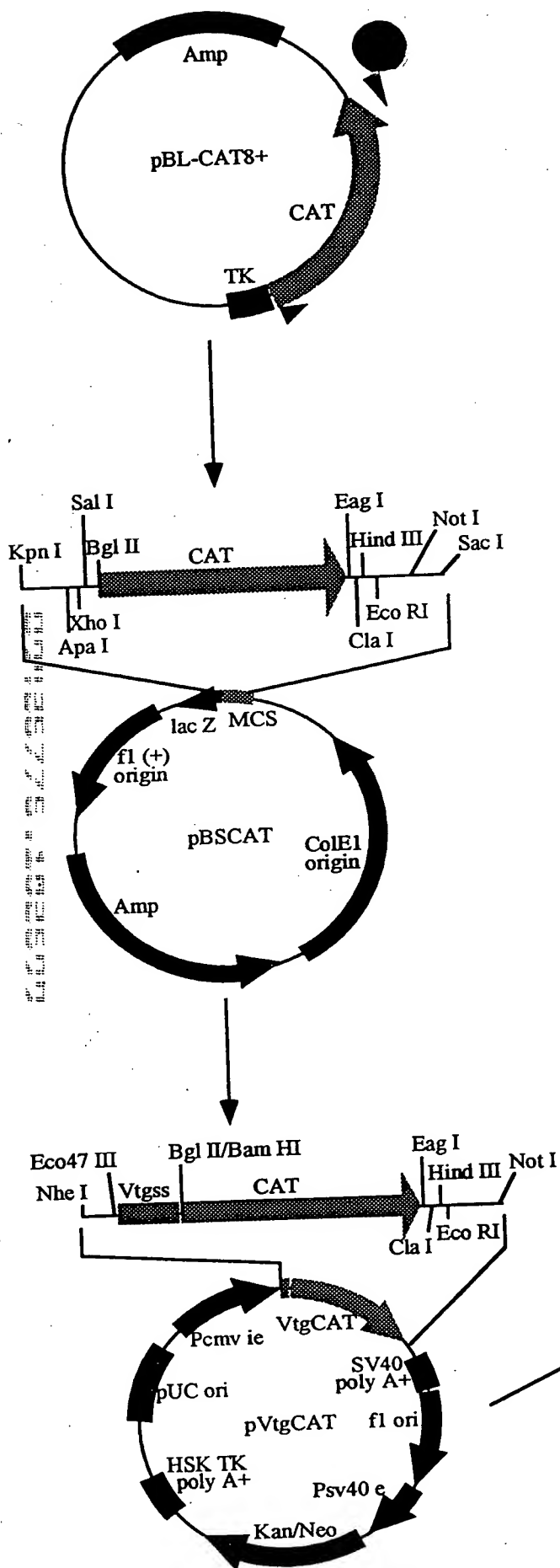


Fig. 5A

5'

Hind III Eco RV/Eco 47III  
 ATC GAT AAG CTT GAT GCT ACC GGA CTC AGA TCA ATT CAC ATC CAC CAG CC  
 ATG AGG GTG CTT GTA CTA GCT CTT GCT GTG GCT CTC GCA GTG GGG GAC CAG  
 M R V L V L A L A V A L A V G D Q  
 OaVtgss → Cleavage site

Bgl II/Bam HI  
 TCC AAC TTG GGG GAT CTG CTG GAG AAA AAA ATC ACT GGA TAT ACC ACC GTT  
 S N L G D L L Q K K V T G W T T V  
 CAT

Eag I  
 ... GGC GGG GCG TAA TTT TTT TAA GGC ACG GCC GAT GCG ACG  
 G G A \*\*\*

Cla I  
 GTA TCG ATA ACT TGA TAT CG 3'  
Hind III

pBSVtgCAT

Fig. 5B

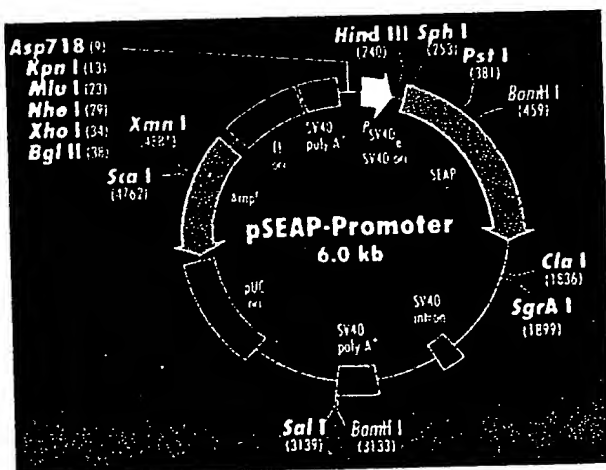


Fig. 5C

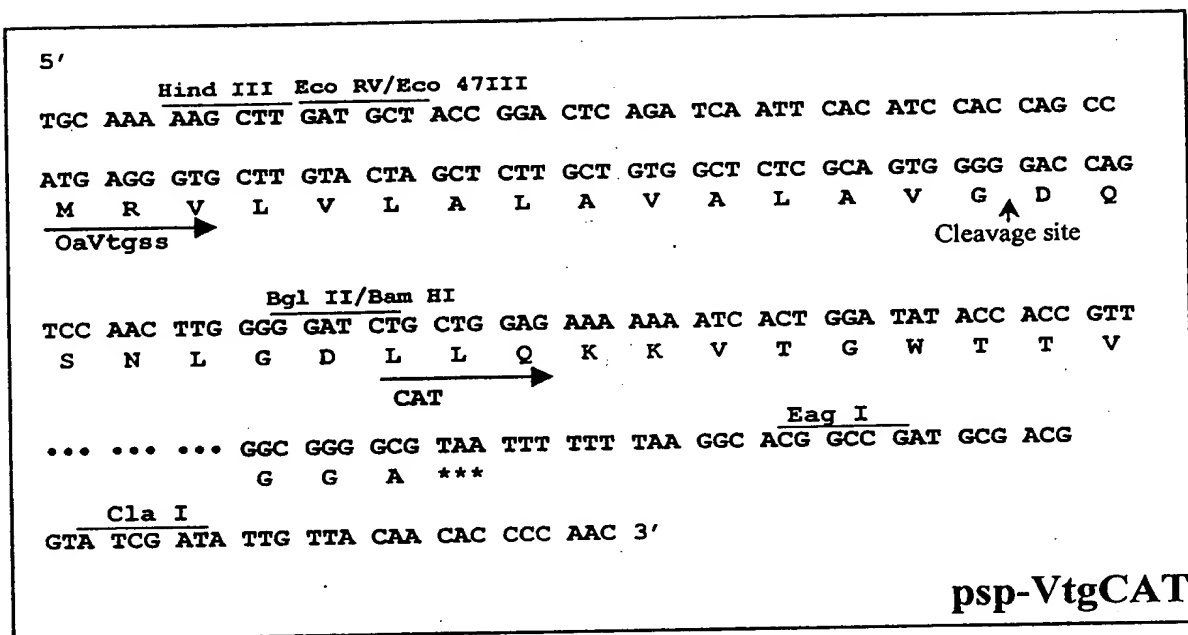


Fig. 5D

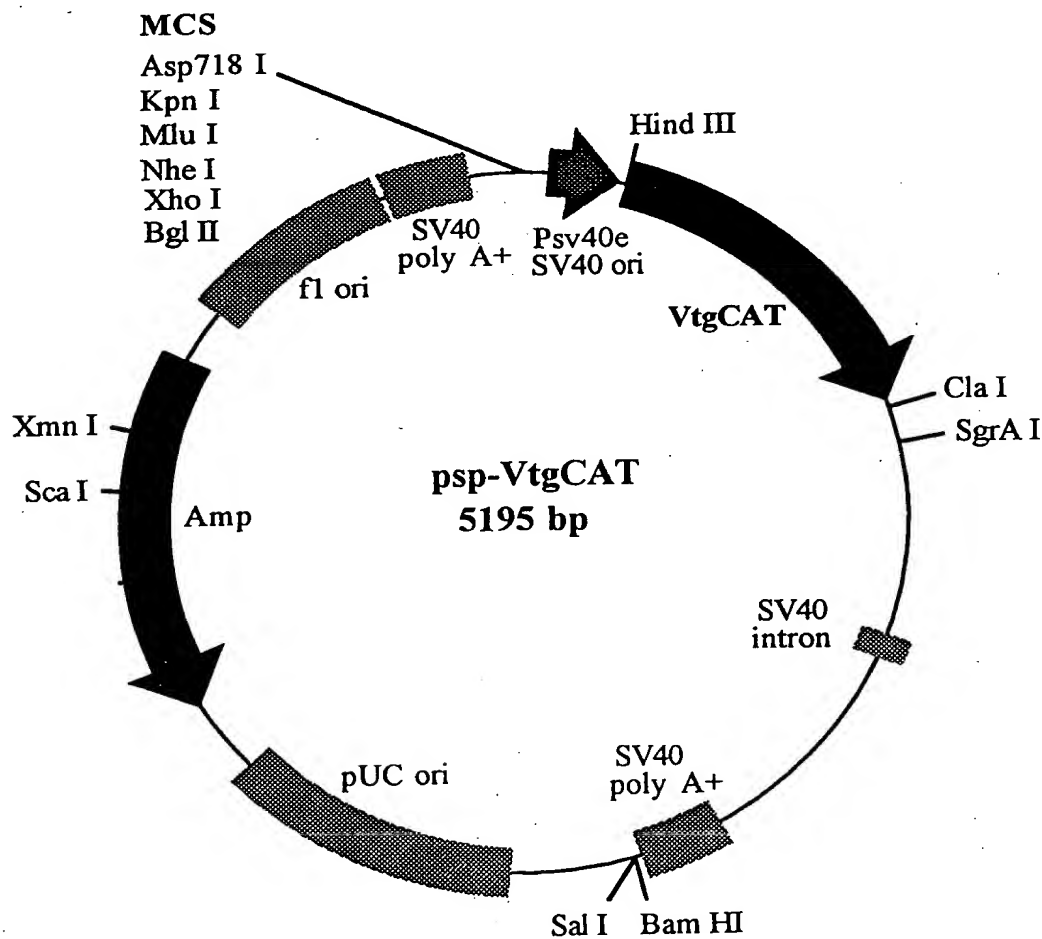


Fig. 5E

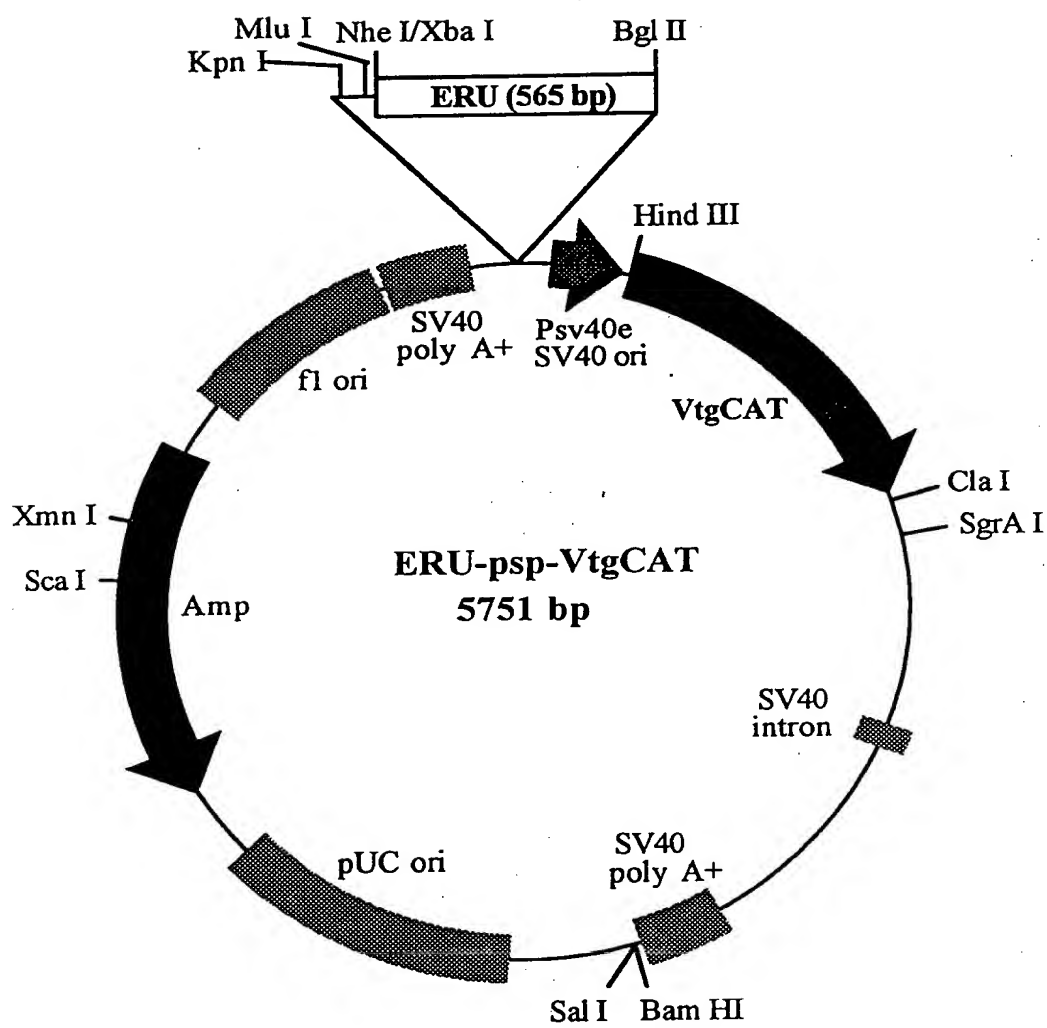


Fig. 5F



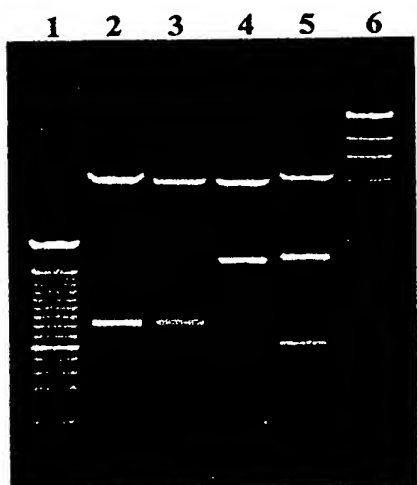


Fig. 56

Fig. 6. SEAP activity in the presence of 10<sup>-6</sup> M of the indicated compounds. The values are the mean  $\pm$  S.E. of three independent experiments.

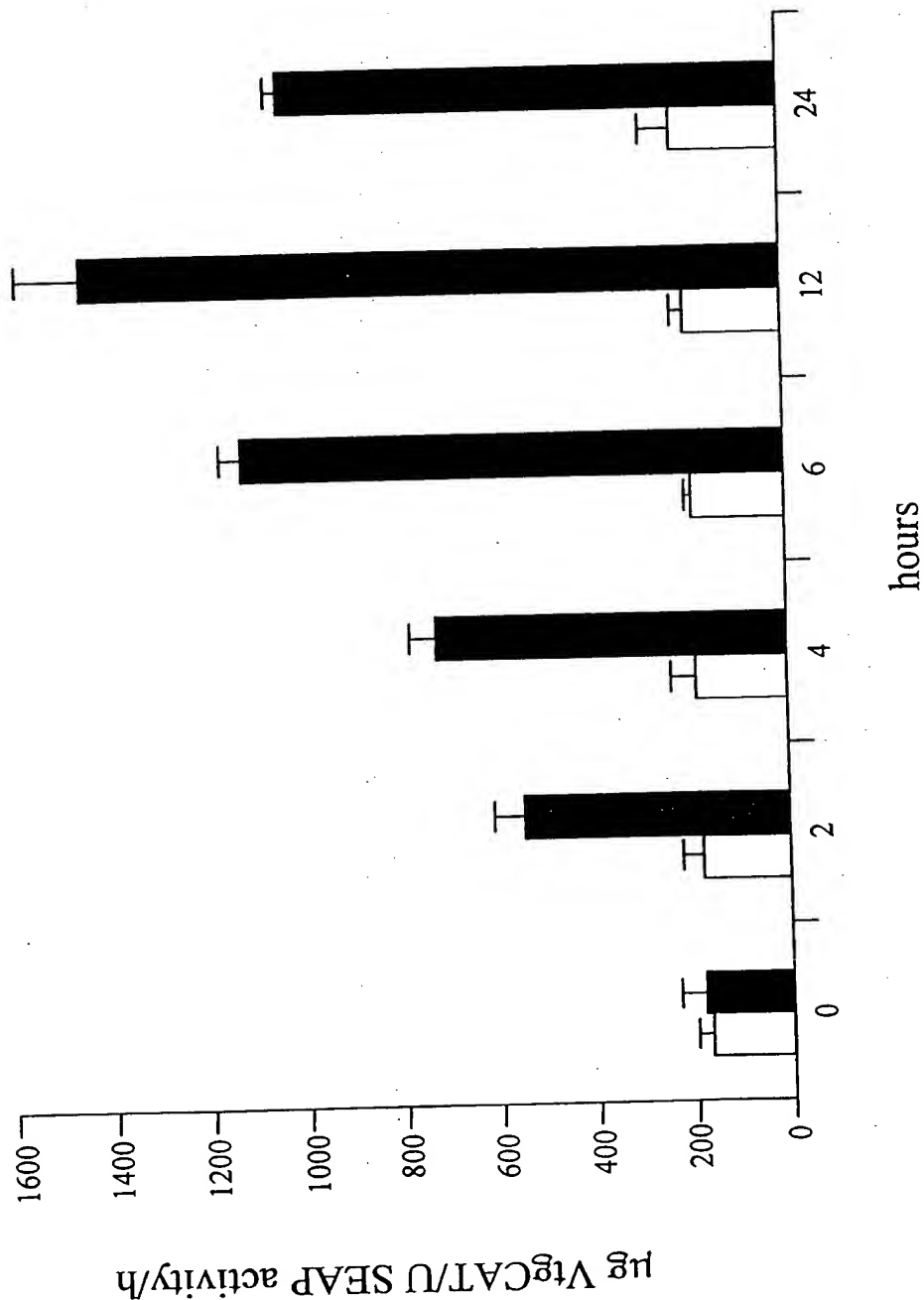
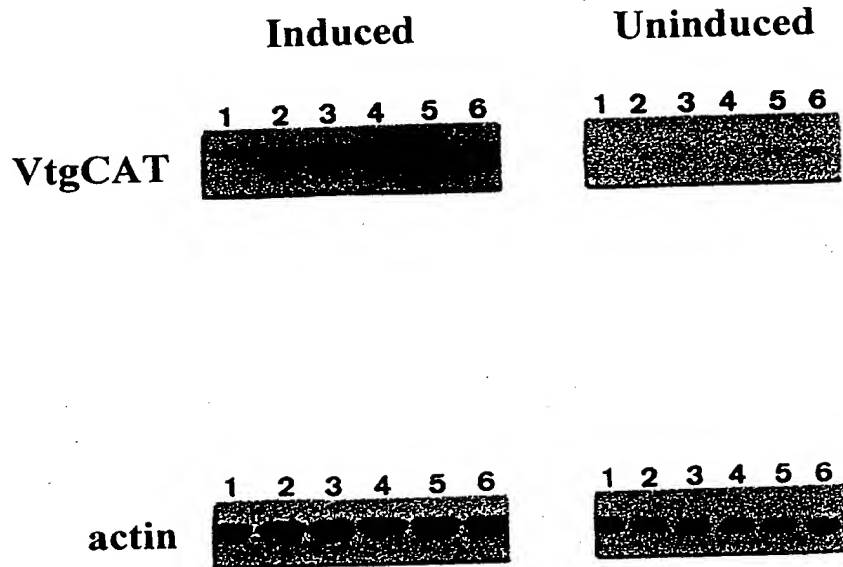


Fig. 6



*Fig.7*

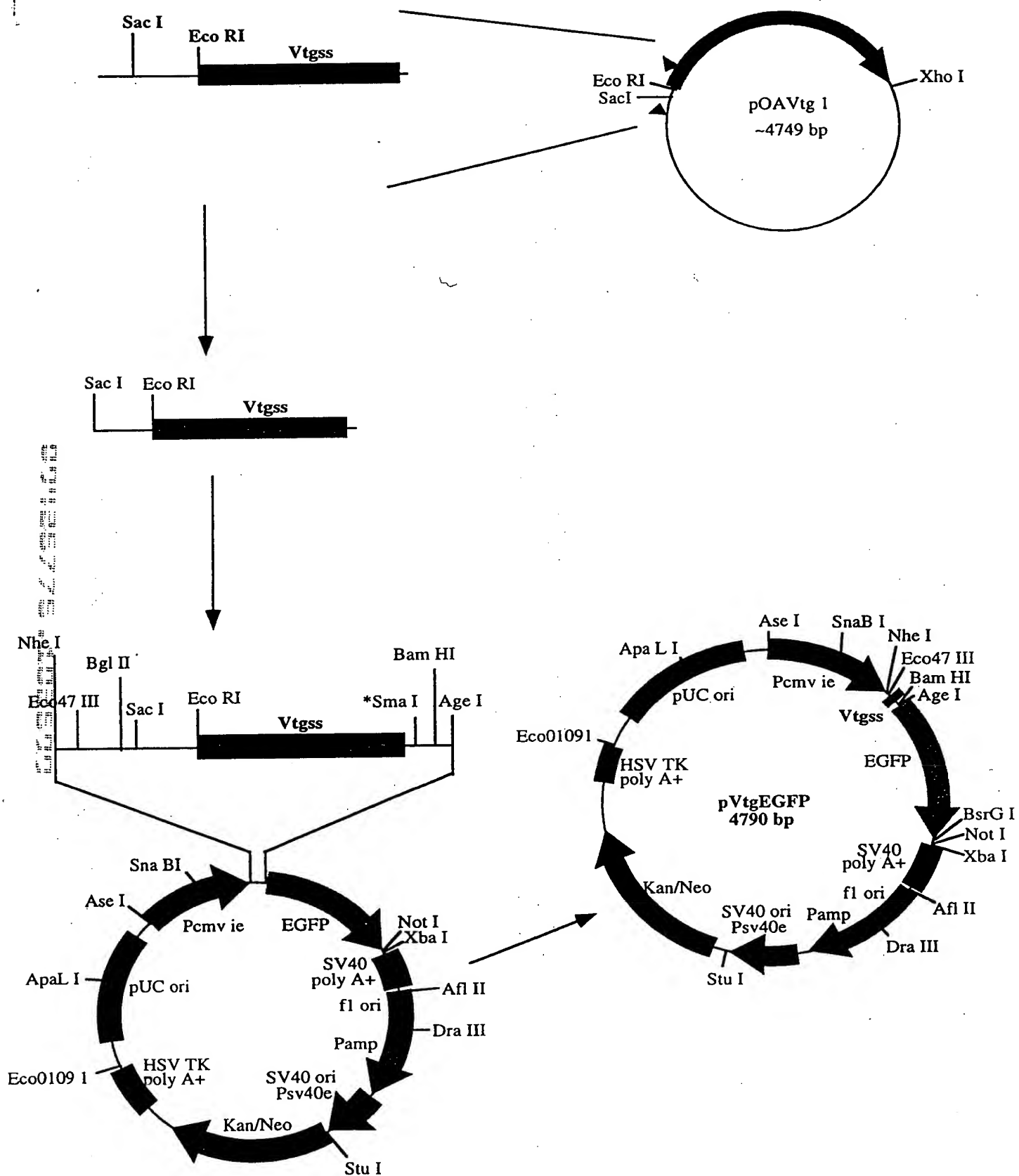


Fig. 8A

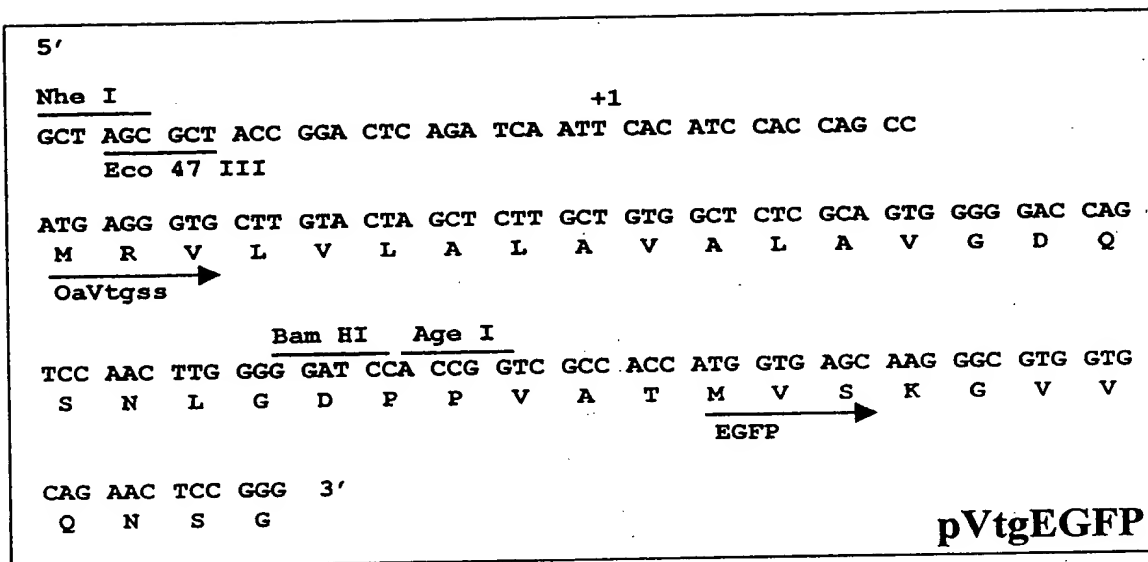


Fig. 8B

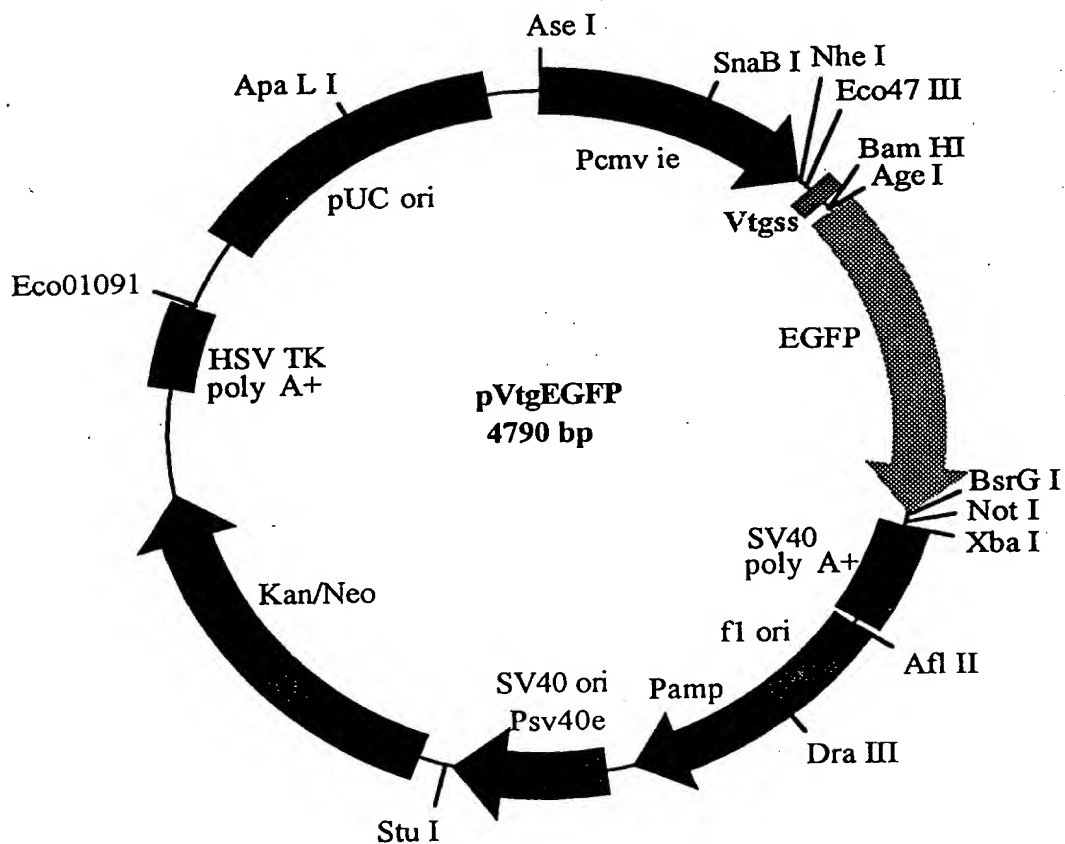


Fig. 8C

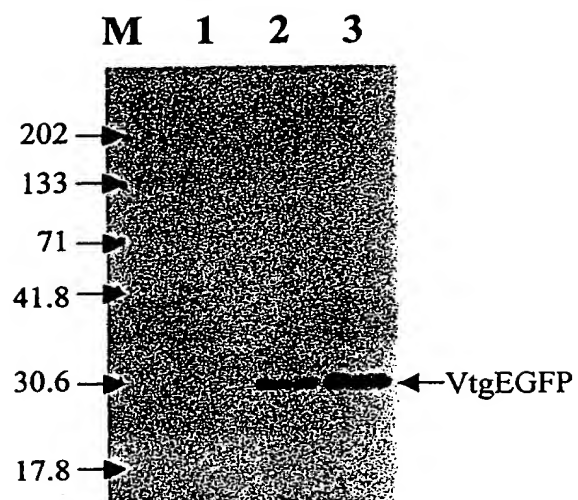
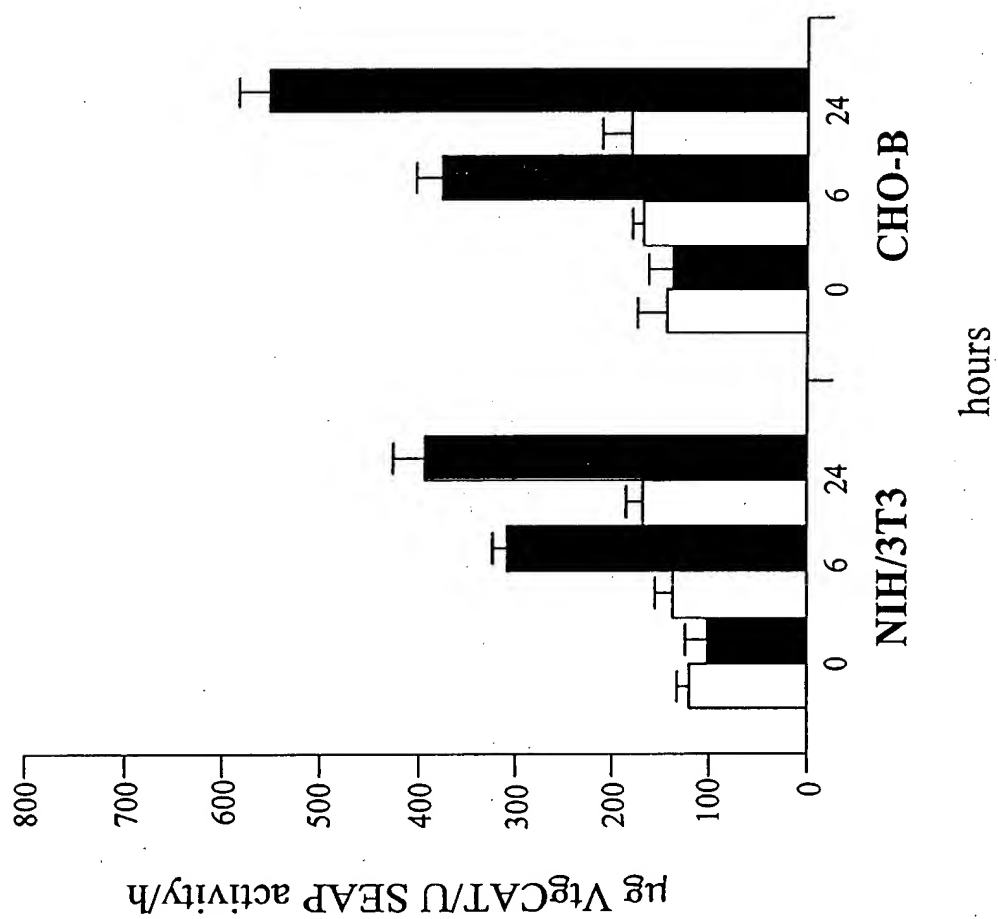


Fig. 8D

[illegible]

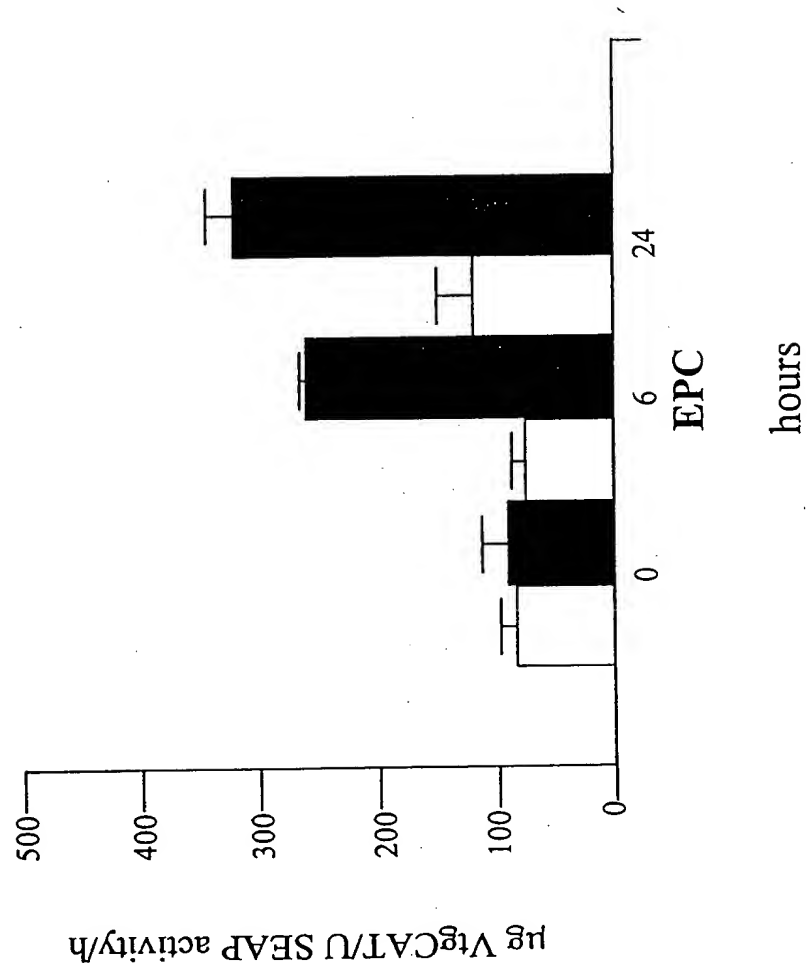


Fig. 10



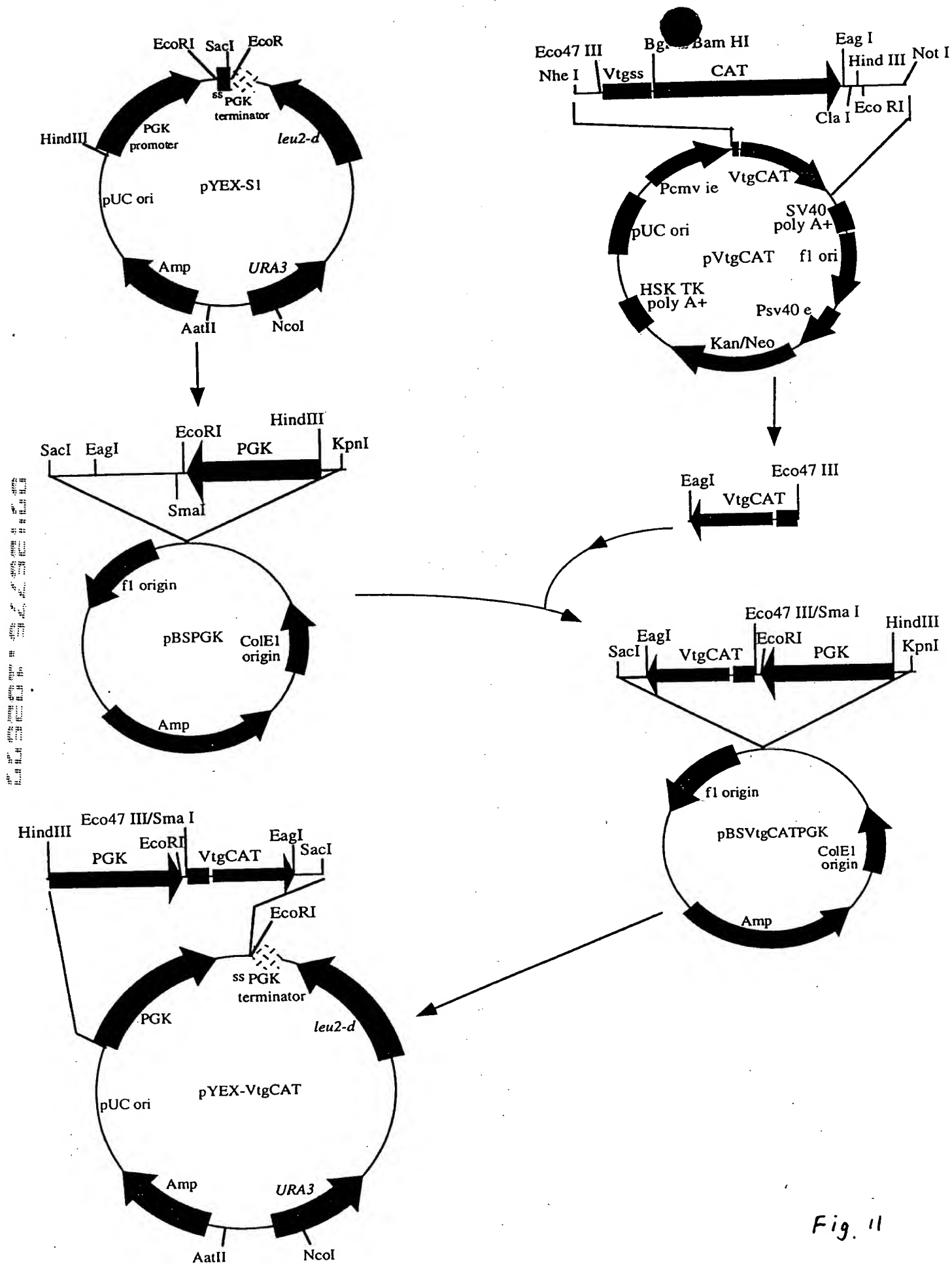


Fig. 11

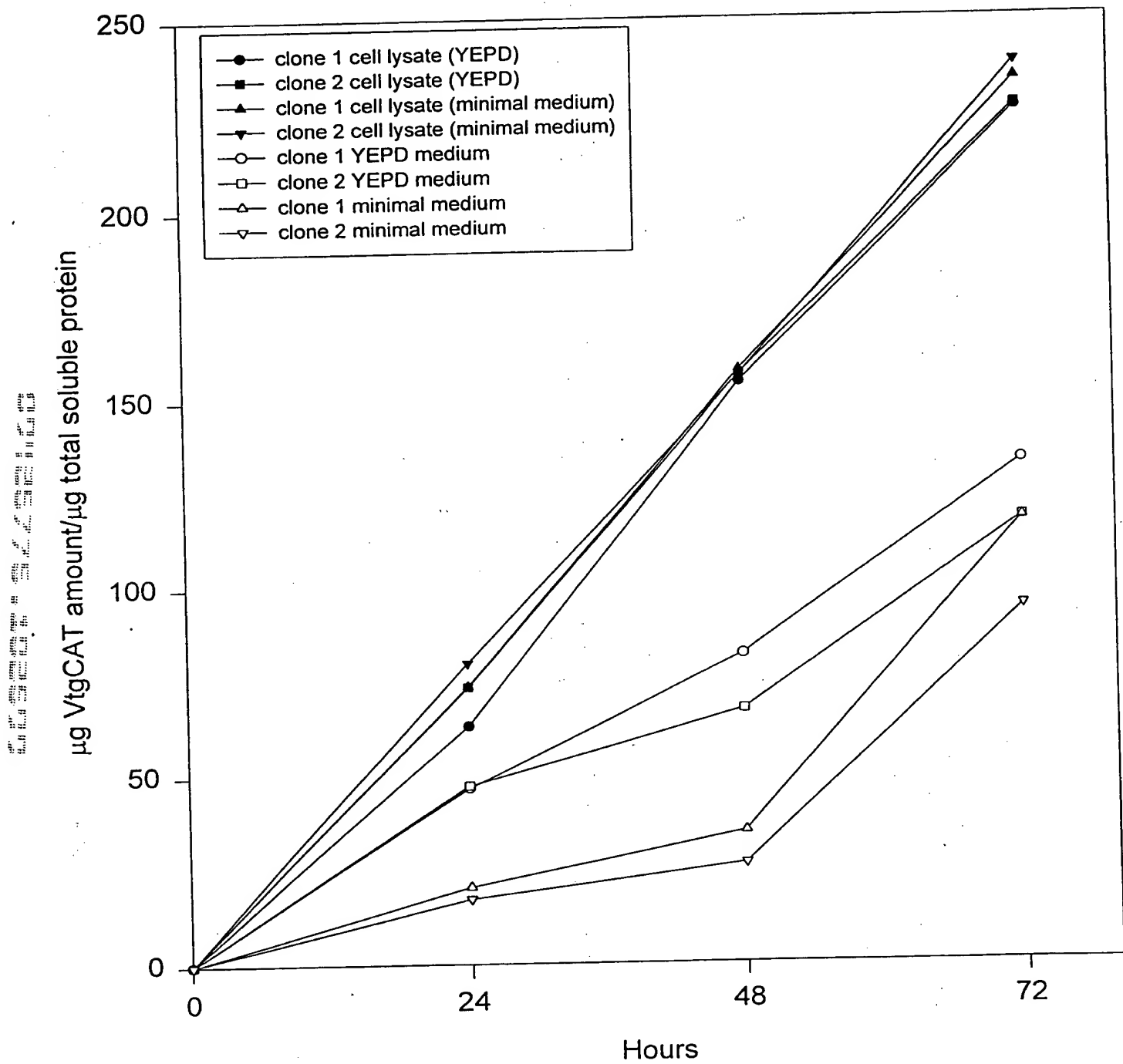


Fig. 12

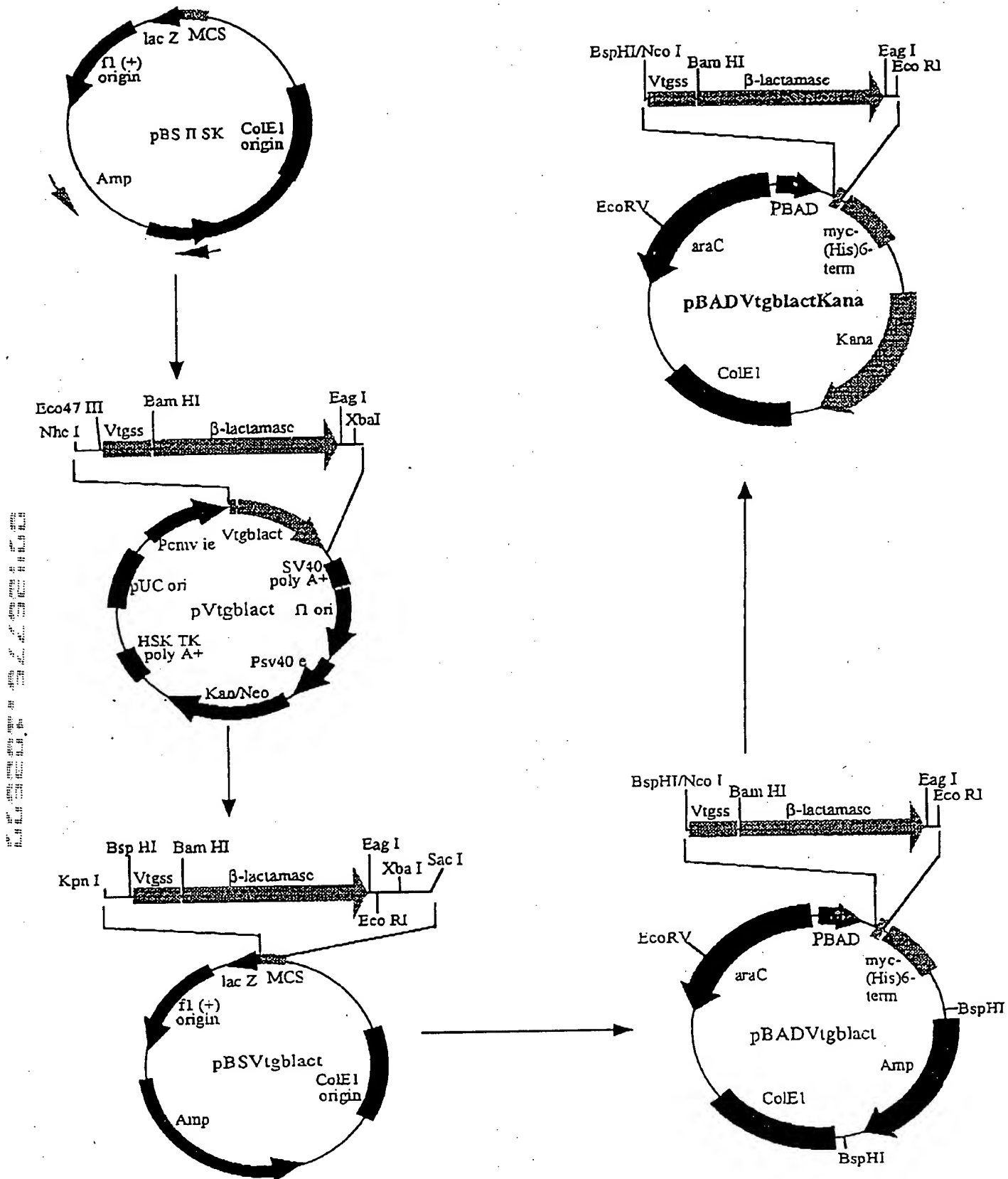


Fig. 13

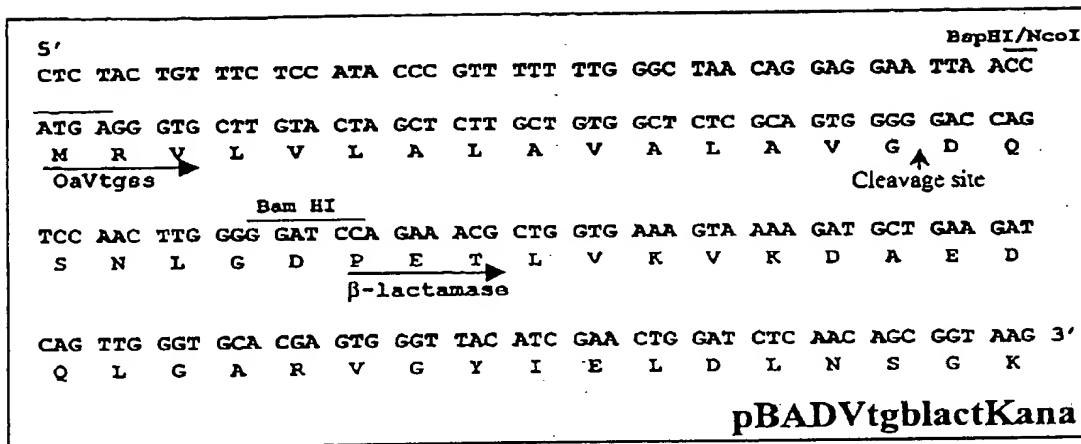


Fig 14A

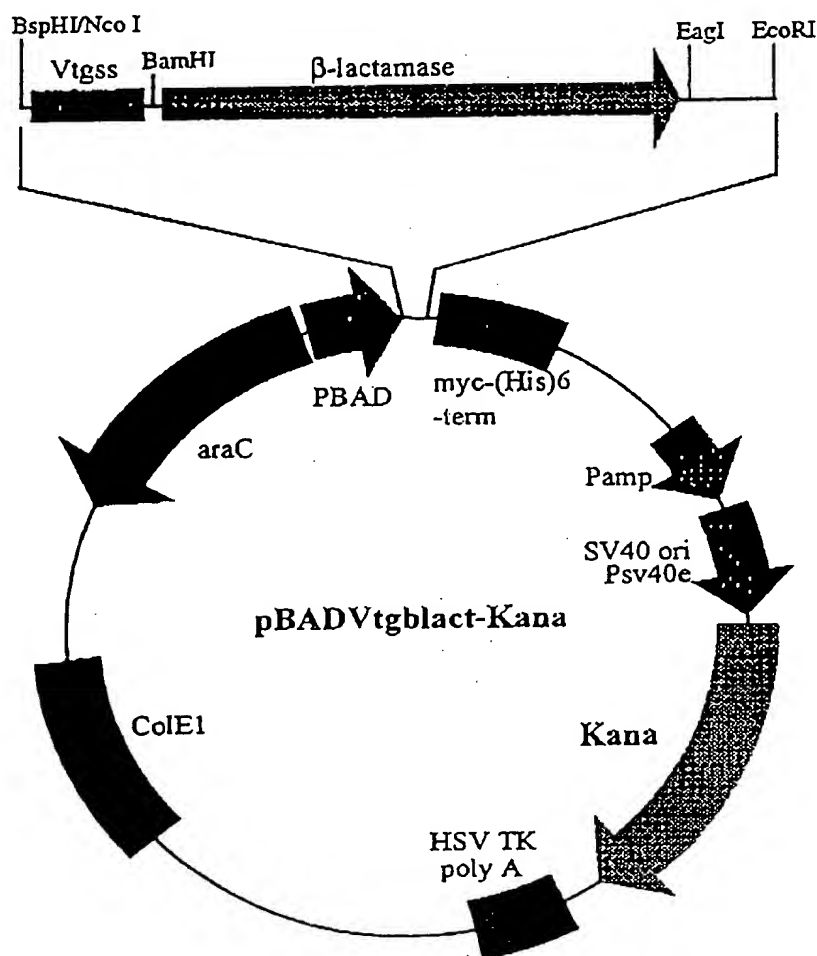


Fig. 14 B

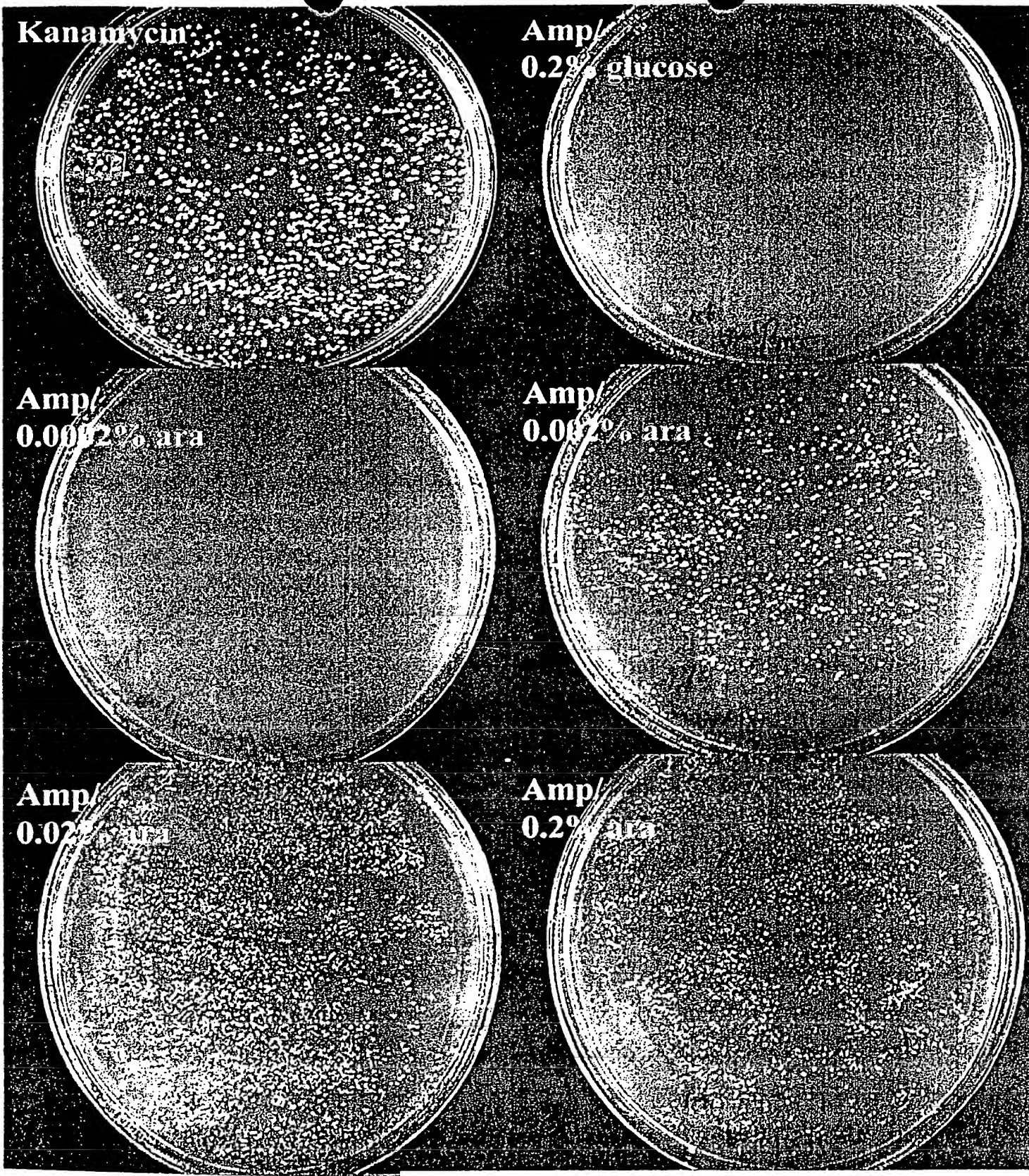


Fig. 15

## Growth profile of bacteria after induction

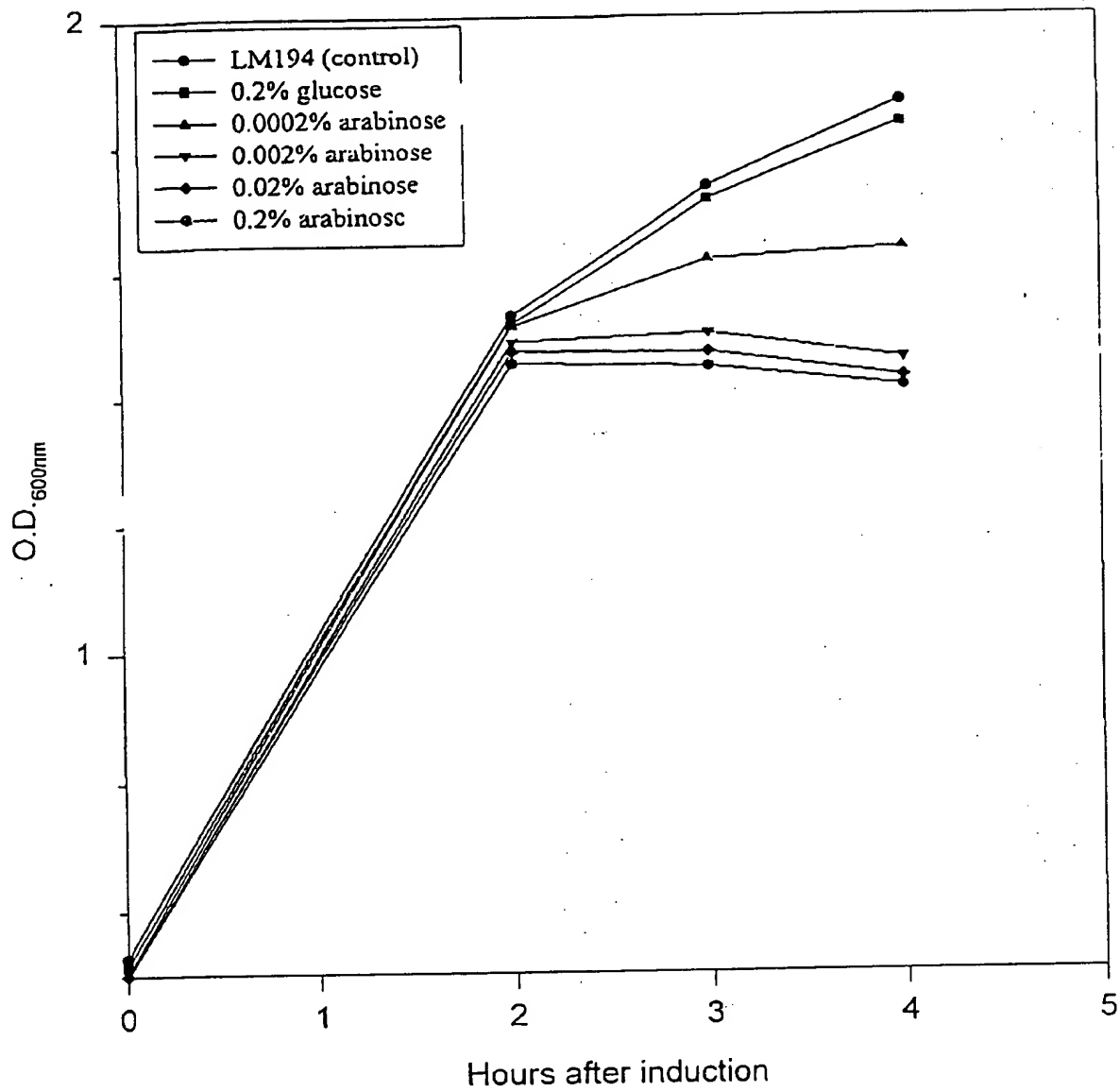


Fig. 16

# $\beta$ -lactamase in periplasmic space over time

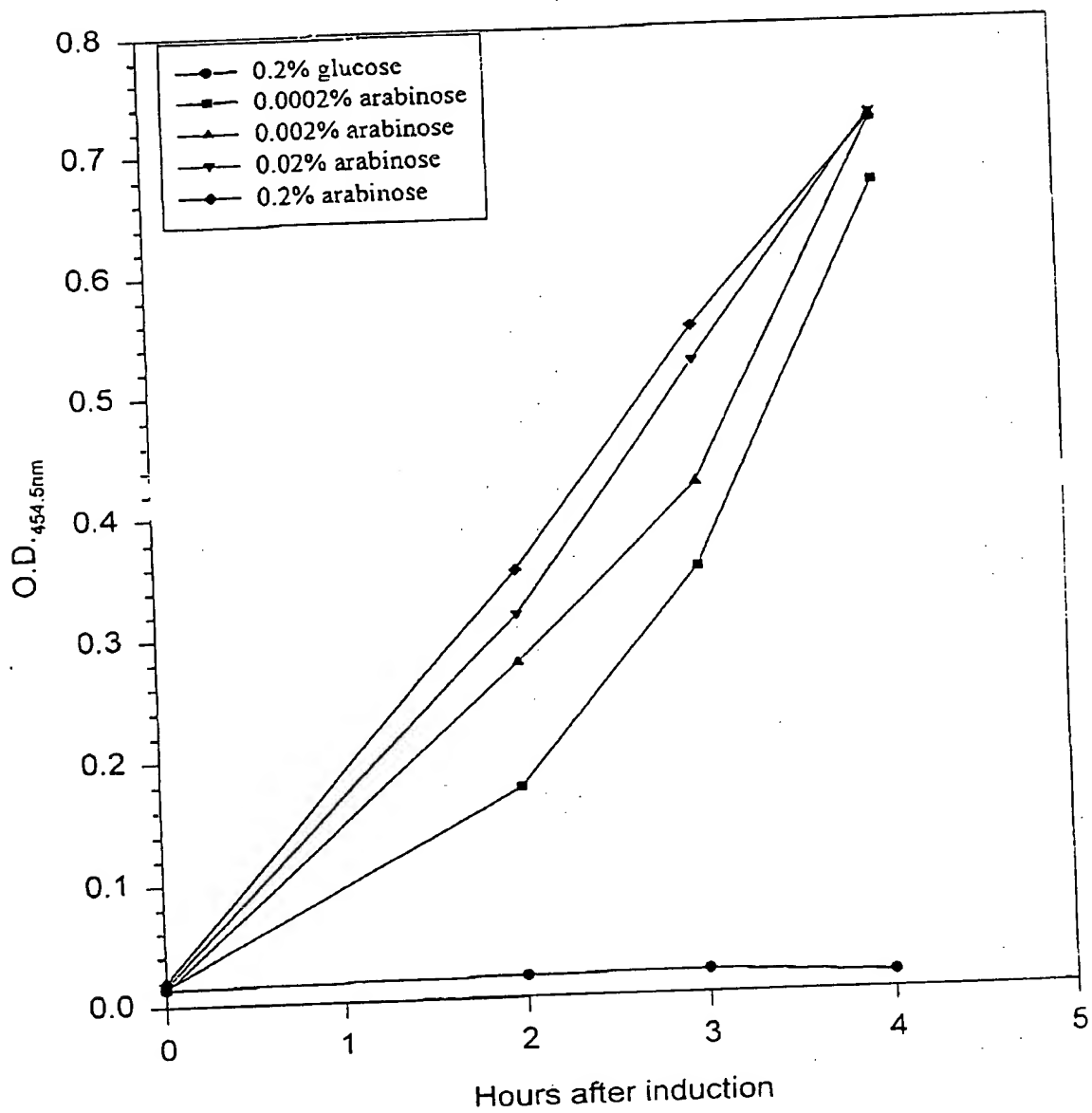


Fig. 17

# $\beta$ -lactamase in culture medium over time

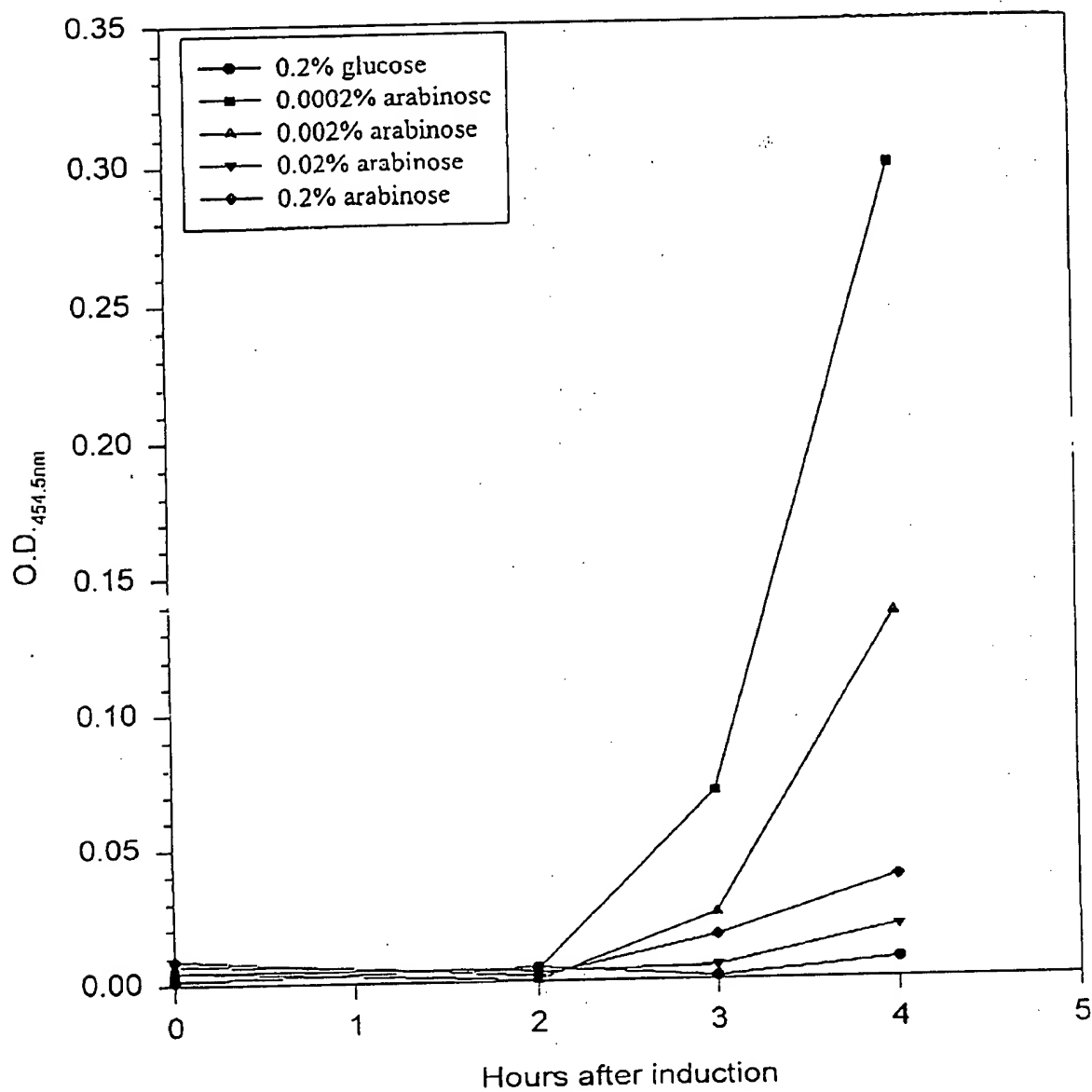


Fig. 18



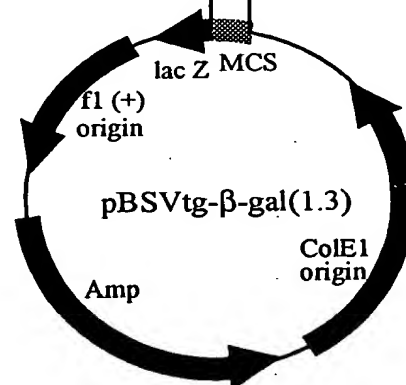
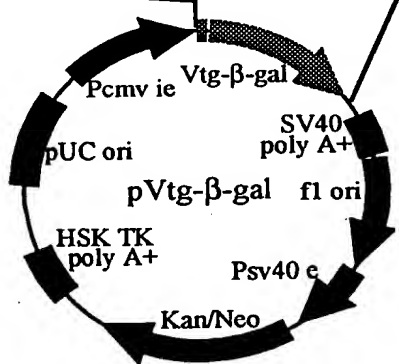
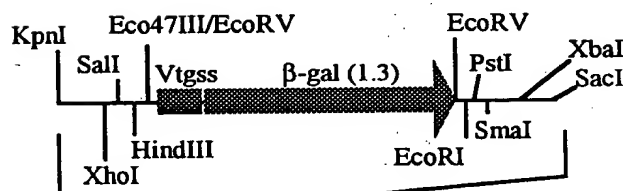
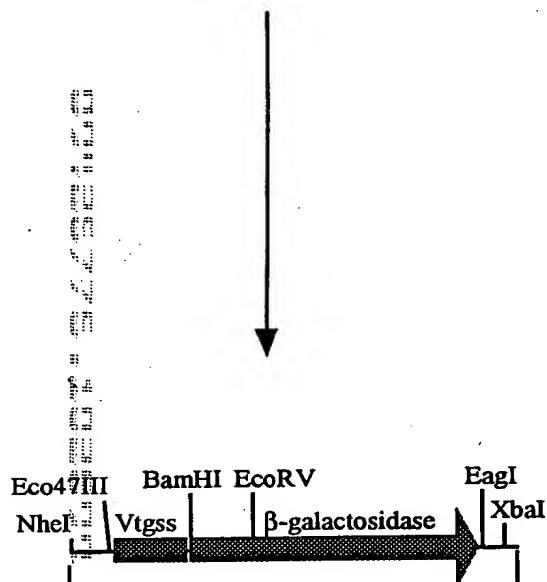
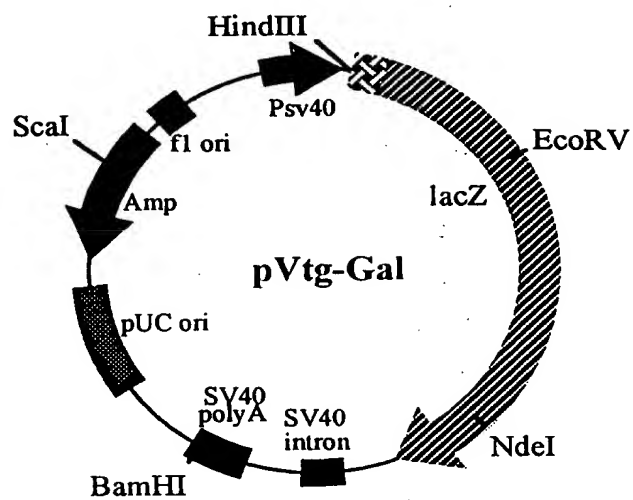
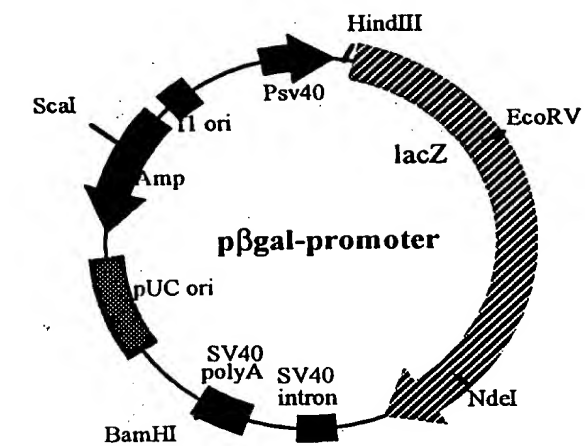


Fig. 19

Figure 21

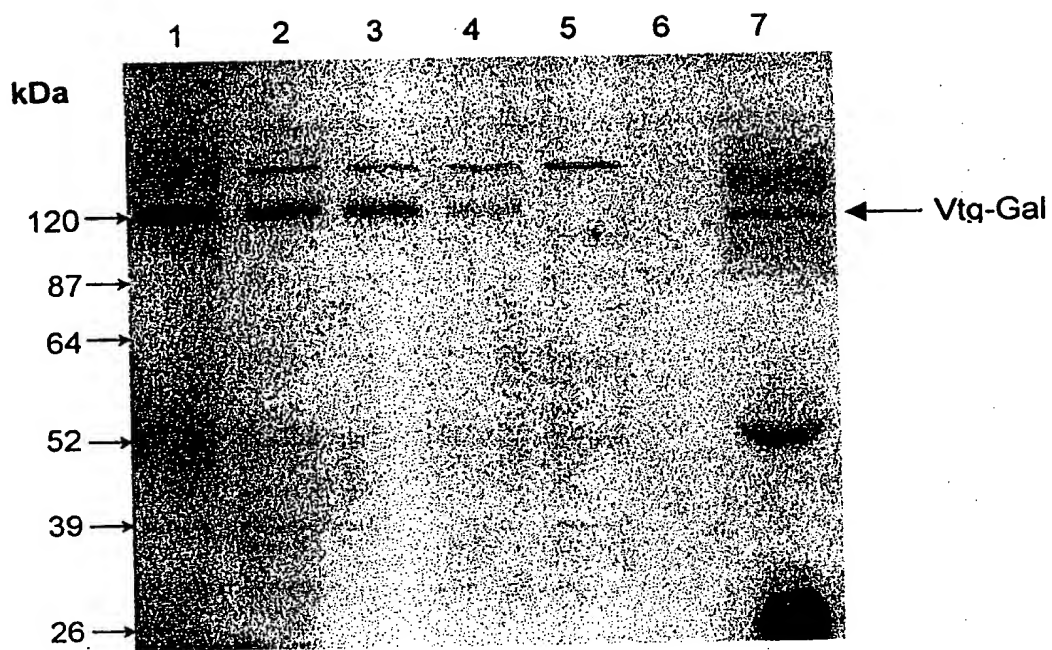


Fig. 20

## Rate of Secretion

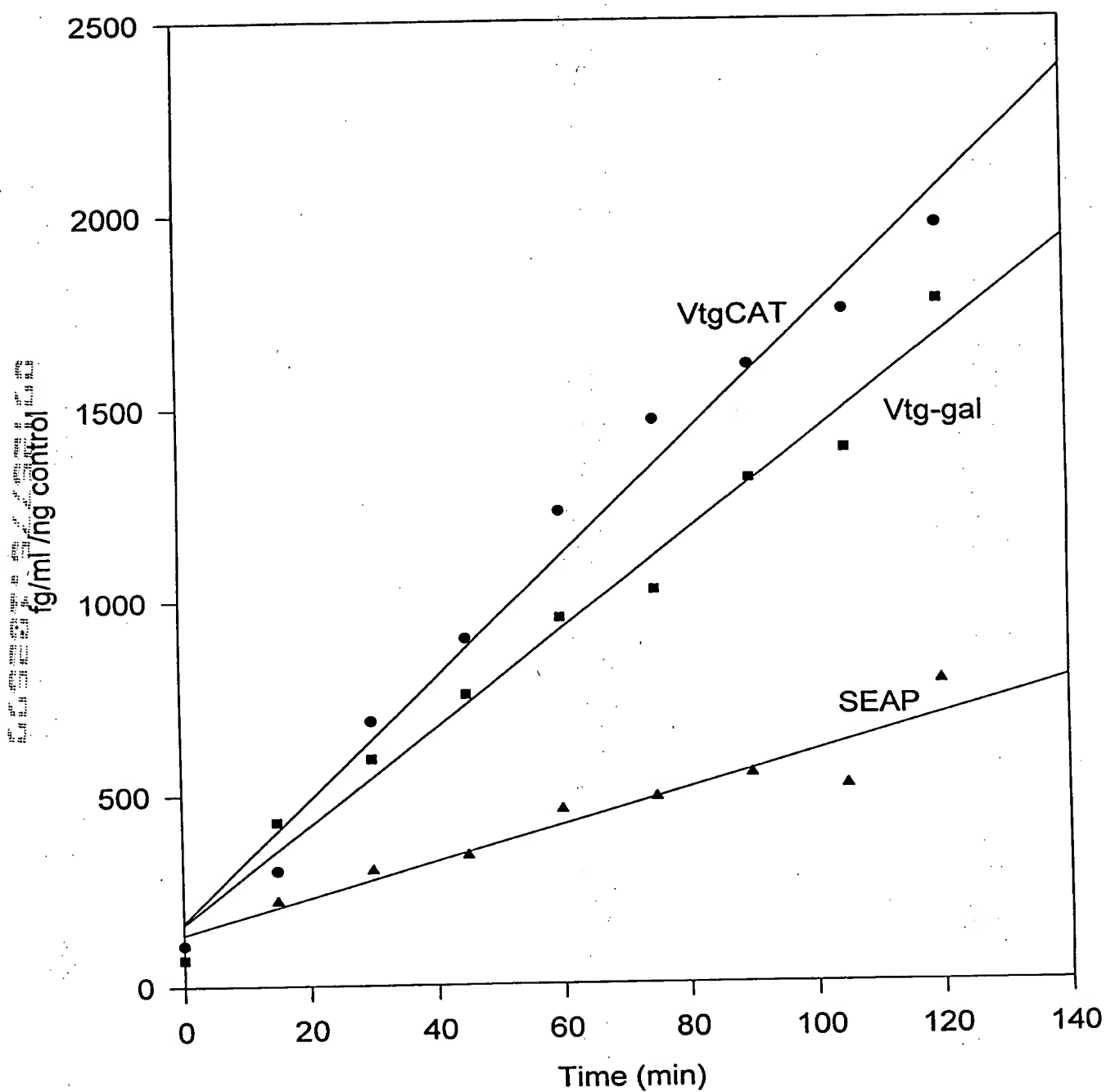


Fig. 21